

1    ABSTRACT

2  
3    A hydraulic motor comprising a housing having a fluid inlet. A fluid outlet and a cavity there  
4    between, a pair of intermeshing gear elements rotatable in the housing about mutually parallel  
5    axes. Each of the gear elements having a set of gear teeth disposed about the periphery of the  
6    element and a support shaft extending from oppositely directed end faces of the set of gear teeth.  
7    A bearing assembly located on opposite sides of the cavity in said housing to support the shafts  
8    for rotation about respective ones of the axes. Each of the bearing assemblies having a sealing  
9    face overlying the end faces and biased into engage with the end faced by a pressure  
10   compensating seal located between the bearing and the housing. The sealing face having a  
11   channel extending partially about the spindle and in fluid communication with the inlet to  
12   introduce fluid under pressure between the faces.